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NiceZyme View of ENZYME: EC 4.1.2.4

Official Name

Deoxyribose-phosphate aldolase.

Alternative Name(s)

Deoxyriboaldolase.

Phosphodeoxyriboaldolase.

Reaction catalysed

2-deoxy-D-ribose 5-phosphate \leftrightarrow D-glyceraldehyde 3-phosphate + acetaldehyde

Cross-references

BRENDA 4.1.2.4

PUMA2 4.1.2.4

PRIAM enzyme-specific profiles 4.1.2.4

Kyoto University
LIGAND chemical database 4.1.2.4

IUBMB Enzyme Nomenclature 4.1.2.4

IntEnz 4.1.2.4

MEDLINE Find literature relating to 4.1.2.4

MetaCyc 4.1.2.4

Q8EPW8, DEOC1_OCEIH;	Q5HJN0, DEOC1_STAAC;	P61108, DEOC1_STAAM;
P99102, DEOC1_STAAN;	Q6GKG7, DEOC1_STAAR;	Q6GCY6, DEOC1_STAAS;
Q8NYR1, DEOC1_STAAW;	Q7MP37, DEOC1_VIBVY;	Q8ZGH4, DEOC1_YERPE;
Q8EMT9, DEOC2_OCEIH;	Q5HE63, DEOC2_STAAC;	P61084, DEOC2_STAAM;
P99174, DEOC2_STAAN;	Q6GET8, DEOC2_STAAR;	Q6G7H3, DEOC2_STAAS;
Q8NVF5, DEOC2_STAAW;	Q7MI38, DEOC2_VIBVY;	Q8ZIQ4, DEOC2_YERPE;
Q9Y948, DEOC_AERPE;	Q8UJ09, DEOC_AGRT5;	Q8YPM0, DEOC_ANASP;
Q66540, DEOC_AQUAE;	Q81RZ3, DEOC_BACAN;	Q81EY8, DEOC_BACCR;
Q9KD67, DEOC_BACHD;	P39121, DEOC_BACSU;	Q89ZF2, DEOC_BACTN;
Q19264, DEOC_CAEEL;	Q7NRS9, DEOC_CHRVO;	Q97IU5, DEOC_CLOAB;
Q8XIR2, DEOC_CLOPE;	Q892U4, DEOC_CLOTE;	Q8FSJ0, DEOC_COREF;
Q8NTC4, DEOC_CORGL;	Q9RV25, DEOC_DEIRA;	Q8XB36, DEOC_ECO57;
P0A6L1, DEOC_ECOL6;	P0A6L0, DEOC_ECOLI;	Q839J1, DEOC_ENTFA;
Q7NFI7, DEOC_GLOVI;	Q7VMS9, DEOC_HAEDU;	P44430, DEOC_HAEIN;
Q5UX95, DEOC_HALMA;	Q9HP08, DEOC_HALSA;	Q9Y315, DEOC_HUMAN;
Q9CFM7, DEOC_LACLA;	Q88Z64, DEOC_LACPL;	Q92A19, DEOC_LISIN;
Q71Y27, DEOC_LISMF;	Q8Y5R1, DEOC_LISMO;	Q26909, DEOC_METTH;

Q91YP3, DEOC_MOUSE;	P63930, DEOC_MYCBO;	Q7NAQ0, DEOC_MYCGA;
P47296, DEOC_MYCGE;	P43048, DEOC_MYCHO;	Q9CB45, DEOC_MYCLE;
Q8EWT4, DEOC_MYCPE;	P47722, DEOC_MYCPI;	P09924, DEOC_MYCPN;
Q98QP7, DEOC_MYCPU;	P63929, DEOC_MYCTU;	P57937, DEOC_PASMU;
Q7N932, DEOC_PHOLL;	Q8ZXK7, DEOC_PYRAE;	Q877I0, DEOC_PYRKO;
Q92MQ3, DEOC_RHIME;	Q7UPT7, DEOC_RHOBA;	Q8Z0U3, DEOC_SALTI;
Q8ZJV8, DEOC_SALTY;	Q8EHK4, DEOC_SHEON;	Q83P02, DEOC_SHIFL;
Q5HM84, DEOC_STAEQ;	Q8CNH7, DEOC_STAES;	Q8E2U1, DEOC_STRA3;
Q8DWZ0, DEOC_STRAS5;	Q8DU34, DEOC_STRMU;	Q99Y51, DEOC_STRP1;
P63931, DEOC_STRP3;	Q5XA31, DEOC_STRP6;	P63932, DEOC_STRP8;
Q97RH2, DEOC_STRPN;	Q8DQC4, DEOC_STRR6;	Q8DJZ1, DEOC_SYNEL;
P73618, DEOC_SYNY3;	Q9HKB7, DEOC_THEAC;	Q9X1P5, DEOC_THEMEA;
Q8RB49, DEOC_THETN;	Q97CC6, DEOC_THEVO;	Q83288, DEOC_TREPA;
Q9PPQ4, DEOC_UREPA;	Q9KPL7, DEOC_VIBCH;	Q87M22, DEOC_VIBPA;
Q8DBT2, DEOC_VIBVU;		

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All UniProtKB/Swiss-Prot entries referenced in this entry, with possibility to download in different formats, align etc.

[All ENZYME / UniProtKB/Swiss-Prot entries corresponding to 4.1.2.-](#)

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